

APPARATUS AND METHOD FOR CONTROLLING A POWER SUPPLY

Abstract of the Disclosure

5 In a dual power supply, a main power supply is shut
down by providing a signal from an auxiliary power
supply. To generate the shutdown signal, a load is
temporarily applied to the output of the auxiliary power
supply for a predetermined time. The application of the
10 load is detected using a hysteretic comparator in the
auxiliary power supply that remains in a high state for a
time period that exceeds a reference time period, which
is established by a timer circuit. In response to
exceeding the reference time period, the shutdown signal
15 is sent to the main power supply.